

## RESULT LIST

Approximately **518** results found in the Worldwide database for:  
**compression** in the title AND **algorithm** in the title or abstract  
Only the first **500** results are displayed.  
(Results are sorted by date of upload in database)

- 1 APPARATUS FOR COMPRESSING AND TRANSMITTING THREE-DIMENSIONAL NORMAL MESH DATA BY USING VIEW-DEPENDENT PROCESSING TO IMPLEMENT EFFICIENT COMPRESSION**  
Inventor: KIM CHANG SU; LEE SANG UK; (+1)      Applicant: SEOUL NAT UNIVERSITY IN KOREA  
EC:      IPC: (IPC1-7): G06T9/00  
Publication info: **KR20050006323** - 2005-01-17
- 2 APPARATUS FOR COMPRESSING THREE-DIMENSIONAL NORMAL MESH DATA BY USING RATE-DISTORTION OPTIMIZATION TO IMPLEMENT DATA COMPRESSION WITH HIGH EFFICIENCY**  
Inventor: KIM CHANG SU; LEE SANG UK; (+1)      Applicant: SEOUL NAT UNIVERSITY IN KOREA  
EC:      IPC: (IPC1-7): G06T17/00  
Publication info: **KR20050006322** - 2005-01-17
- 3 Apparatus for audio compression using mixed wavelet packets and discrete cosine transformation**  
Inventor: CHANG PAO-CHI (TW); WU TSUNG-HUNG      Applicant: NAT CENTRAL UNIVERSITY (TW)  
(TW)  
EC:      IPC: (IPC1-7): H03M7/30  
Publication info: **TW246256B** - 2005-12-21
- 4 EFFICIENT ALGORITHM FOR FINDING CANDIDATE OBJECTS FOR REMOTE DIFFERENTIAL COMPRESSION**  
Inventor: WABLE AKHIL (US); TEODOSIU DAN (AT);      Applicant: MICROSOFT CORP (US)  
(+1)  
EC: G06F17/30B      IPC: **G06F9/00; G06F15/16; G06F9/00** (+1)  
Publication info: **KR20060051041** - 2006-05-19
- 5 EFFICIENT ALGORITHM AND PROTOCOL FOR REMOTE DIFFERENTIAL COMPRESSION**  
Inventor: TEODOSIU DAN (AU); BJORNER NIKOLAJ S      Applicant: MICROSOFT CORP (US)  
(US); (+2)  
EC: H03M7/30; H04L29/06C5; (+1)      IPC: **G06F12/00; H04L12/28; G06F13/00** (+22)  
Publication info: **KR20060043620** - 2006-05-15
- 6 AUDIO AND VIDEO DATA COMPRESSION/DECOMPRESSION PROCESSING METHOD AND APPARATUS FOR REMOTE VIDEO-CONFERENCE SYSTEM**  
Inventor: KIM HYUN-KI (KR); HU JOON-YOUNG (KR);      Applicant: KOREA ELECTRONICS TELECOMM (KR)  
(+1)  
EC:      IPC: **H04N7/10; H04N7/10**; (IPC1-7): H04N7/10  
Publication info: **KR9700769B** - 1997-01-18
- 7 APPARATUS AND METHOD FOR TRANSMITTING FRAME DATA THROUGH LOSSLESS COMPRESSION ALGORITHM IN ETHERNET**  
Inventor: KANG YEONG IL (KR)      Applicant: SAMSUNG ELECTRONICS CO LTD (KR)  
EC:      IPC: **H04L29/08; H04L29/08**; (IPC1-7): H04L29/08  
Publication info: **KR2000073078** - 2000-12-05
- 8 METHOD FOR IMAGE DATA COMPRESSION ALGORITHM OF MOBILE IMAGE TERMINAL**  
Inventor: SEO YU SEOK (KR)      Applicant: LG INF & COMM LTD  
EC:      IPC: **H04N7/24; H04N7/24**; (IPC1-7): H04N7/24  
Publication info: **KR2000052206** - 2000-08-16

**9 COMPRESSION ALGORITHM OF TEST SEQUENCE DATA**

**Inventor:** JEONG YOUNG GI (KR)

**Applicant:** SAMSUNG ELECTRONICS CO LTD (KR)

**EC:**

**IPC:** *G01R31/26*; *G01R31/26*; (IPC1-7): G01R31/26

**Publication info:** **KR2000007565** - 2000-02-07

**10 THE PARALLEL PROCESSING METHOD FOR AUDIO COMPRESSION  
ALGORITHM**

**Inventor:** KIM SUNG-HAN (KR)

**Applicant:** KOREA TELECOMMUNICATION (KR); KOREA  
ELECTRONICS TELECOMM (KR)

**EC:**

**IPC:** *H04N7/24*; *H04N7/24*; (IPC1-7): H04N7/24

**Publication info:** **KR216599B** - 1999-08-16

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## RESULT LIST

3 results found in the Worldwide database for:

**compression and files** in the title AND **algorithm** in the title or abstract

(Results are sorted by date of upload in database)

**1 Method and Computer Program Product for Finding the Longest Common Subsequences Between Files with Applications to Differential Compression**

Inventor: AGARWAL RAMESH C (US)

Applicant: IBM (US)

EC: H03M7/30; H03M7/30Z

IPC: **H04L9/00**; **H04L9/00**

Publication info: **US2006112264** - 2006-05-25

**2 Adaptive and recursive compression of lossily compressible files**

Inventor: MAKELA JAKKE (FI); JUHOLA MIKKO (FI);  
(+1)

Applicant: NOKIA CORP (US)

EC: G06F12/02D2

IPC: **G06F12/00**; **G06F12/02**; **G06F12/00** (+2)

Publication info: **US2004199740** - 2004-10-07

**3 METHOD FOR DATA COMPRESSION BY ASSOCIATING COMPLEX NUMBERS WITH FILES OF DATA VALUES**

Inventor: FEO JOHN T; HANKS DAVID C; (+1)

Applicant: UNIV CALIFORNIA (US)

EC: G06T9/00F

IPC: **G06T9/00**; **G06T9/00**; (IPC1-7): G06K9/36  
(+1)

Publication info: **WO9739421** - 1997-10-23

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Data supplied from the **esp@cenet** database - Worldwide

## RESULT LIST

Approximately **443** results found in the Worldwide database for:  
**data and storage** in the title AND **compression** in the title or abstract  
(Results are sorted by date of upload in database)

- 1 BUILT-IN DIRECTORY METHOD FOR DATA COMPRESSION OF DIRECT-ACCESS STORAGE DEVICE AND DIRECTORY RECORD**  
Inventor: DANIERU FRANK MOOTORU (US); JOHN DAGURASU SUTEIIBUNSU (US); (+2)  
EC: G06F3/06M  
IPC: G06F3/06; G06F12/00; G11B20/00 (+4)  
Applicant: IBM (US)  
Publication info: **KR226614B** - 1999-10-15
- 2 DIRECTORY REBUILD METHOD AND APPARATUS FOR DIRECT ACCESS STORAGE DEVICE (DASD) DATA COMPRESSION**  
Inventor: BAK BRIAN ERIC (US); CORIGAN MICHAEL JOSEP (US); (+2)  
EC: G06F3/06M; G06F11/14A8F  
IPC: G06F3/06; G06F11/14; G11B20/00 (+4)  
Applicant: IBM (US)  
Publication info: **KR211790B** - 1999-08-02
- 3 DATA COMPRESSION METHOD AND STRUCTURE FOR A DIRECT ACCESS STORAGE DEVICE**  
Inventor: BAKKE BRIAN ERIC (US); DANIEL FRANK MOERTL (US); (+1)  
EC: G06F3/06M; G11B20/00C  
IPC: G06F3/06; G11B20/00; G06F3/06 (+2)  
Applicant: IBM (US)  
Publication info: **KR216146B** - 1999-08-16
- 4 System and method for combining data streams in pipelined storage operations in a storage network**  
Inventor: RETNAMMA MANOJ KUMAR VIJAYAN (US); AMARENDRAN ARUN PRASAD (IN); (+1)  
EC:  
IPC: G06F11/14; G06F11/14; G06F  
Applicant: COMMVault SYSTEMS INC (US)  
Publication info: **GB2425199** - 2006-10-18
- 5 Dynamic category compression in a data storage library**  
Inventor: SHOTWELL KERRI R (US); FISHER JAMES A (US); (+4)  
EC:  
IPC: G06F7/00; G06F7/00  
Applicant: INTERNAT BUSINESS MACHINES IBM (US)  
Publication info: **US2006217834** - 2006-09-28
- 6 ON-DEVICE DATA COMPRESSION TO INCREASE SPEED AND CAPACITY OF FLASH MEMORY-BASED MASS STORAGE DEVICES**  
Inventor: PETERSEN RYAN M (US); SCHUETTE FRANZ M (US)  
EC:  
IPC: G06F12/00; G06F12/00  
Applicant: OCZ TECHNOLOGY GROUP INC (US)  
Publication info: **US2006212645** - 2006-09-21
- 7 System and methods for accelerated data storage and retrieval**  
Inventor: FALLON JAMES J (US)  
EC: H03M7/30  
IPC: G06F15/16; G06F15/16  
Applicant:  
Publication info: **US2006195601** - 2006-08-31
- 8 Data storage device with data transformation capability**  
Inventor: WILLIAMS LARRY L (US)  
EC:  
IPC: H04L9/00; H04L9/00  
Applicant:  
Publication info: **US2006193470** - 2006-08-31
- 9 Method and system for compression of data for block mode access storage**  
Inventor: KEDEM NADAV (IL); AMIT JONATHAN (IL); (+1)  
EC:  
IPC: G06F13/12; G06F13/12  
Applicant: STOREWIZ INC (US)

Publication info: **US2006190643** - 2006-08-24

**10 System and methods for accelerated data storage and retrieval**

Inventor: FALLON JAMES J (US)

Applicant:

EC:

IPC: **G06F15/16; G06F15/16**

Publication info: **US2006184687** - 2006-08-17

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## RESULT LIST

Approximately **443** results found in the Worldwide database for:  
**data and storage** in the title AND **compression** in the title or abstract  
(Results are sorted by date of upload in database)

- 21 A SYSTEM FOR THE COMPRESSION, ENCODING, AUTHORING, AND ENCRYPTION OF DATA AND MEDIA THE STORAGE OF SUCH CONTENT IN EXTERNAL MOBILE TELEPHONE OR PERSONAL DIGITAL ASSISTANT COMPATIBLE MEMORY DEVICES**  
Inventor: KAPLAN MARK M (US)                      Applicant: KAPLAN MARK M (US)  
EC: H04K1/00; H04L9/00                      IPC: (IPC1-7): H04K1/00; H04L9/00; H04L9/32  
Publication info: **WO2006036160** - 2006-04-06
- 22 DATA STORAGE SYSTEM, DATA STORAGE DEVICE, SIMILAR FILE RECORDING METHOD TO BE USED FOR THE SAME AND PROGRAM THEREFOR**  
Inventor: OCHIMARU NAOSHI                      Applicant: NIPPON ELECTRIC CO  
EC:                      IPC: **G06F12/00; G06F3/06; G06F3/06** (+1)  
Publication info: **JP2006065424** - 2006-03-09
- 23 Content-based segmentation scheme for data compression in storage and transmission including hierarchical segment representation**  
Inventor: MCCANNE STEVEN (US); DEMMER MICHAEL J Applicant: NBT TECHNOLOGY INC (US)  
(US)  
EC: H03M7/30                      IPC: **H03M7/00; H03M7/00**  
Publication info: **US2006061495** - 2006-03-23
- 24 Content-based segmentation scheme for data compression in storage and transmission including hierarchical segment representation**  
Inventor: MCCANNE STEVEN DEMMER MICHAEL (US)                      Applicant: NBT TECHNOLOGY INC (US)  
EC: H03M7/30                      IPC: **H03M7/38; H03M7/30; H03M7/30** (+1)  
Publication info: **CN1736030** - 2006-02-15
- 25 DATA COMMUNICATION APPARATUS, METHOD, AND SYSTEM, AND STORAGE MEDIUM**  
Inventor: KOZUKI SUSUMU; ITO MASAMICHI                      Applicant: CANON KK  
EC:                      IPC: **H04L29/06; G06F13/38; H04L29/08** (+3)  
Publication info: **JP2006050653** - 2006-02-16
- 26 Apparatus and method for pre-storage processing before image data compression**  
Inventor: LI GUOXIN (CN)                      Applicant: BEIJING VIMICRO CORP (CN)  
EC:                      IPC: **G06T1/00; G06T1/00**  
Publication info: **CN1731448** - 2006-02-08
- 27 INTERFACE OF DATA TRANSFER, DMAC DEVICE, COMPRESSION/DECOMPRESSION DEVICE, STORAGE DEVICE, IMAGE FORMING APPARATUS AND COPYING MACHINE**  
Inventor: HAGITA TAJI                      Applicant: RICOH KK  
EC:                      IPC: **H04N1/41; G06F13/28; H04N1/21** (+3)  
Publication info: **JP2006033420** - 2006-02-02
- 28 Data processing apparatus and method, data processing program, and storage medium**  
Inventor: HAYASHI JUNICHI (JP)                      Applicant: CANON KK (JP)  
EC: G06T1/00W                      IPC: **H04L9/00; G06T1/00; G09C5/00** (+11)  
Publication info: **US2006020809** - 2006-01-26
- 29 INTELLIGENT DATA STORAGE AND PROCESSING USING FPGA DEVICES**

**Inventor:** FRANKLIN MARK ALLEN (US); CYTRON RON K **Applicant:** UNIV WASHINGTON (US)  
(US); (+3)

**EC:**

**IPC:** G06F1/00; G06F15/78; G06F17/30 (+5)

**Publication info:** CA2523548 - 2005-05-26

**30 System and methods for accelerated data storage and retrieval**

**Inventor:** FALLON JAMES J (US)

**Applicant:**

**EC:**

**IPC:** G06F15/16; G06F15/16

**Publication info:** US2006015650 - 2006-01-19

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Data supplied from the *esp@cenet* database - Worldwide

## RESULT LIST

Approximately **443** results found in the Worldwide database for:  
**data and storage** in the title AND **compression** in the title or abstract  
(Results are sorted by date of upload in database)

### **31 Lossless compression method and apparatus for data storage and transmission**

Inventor: STAR SUNG CHIH-TA (DE)

Applicant:

EC:

IPC: **G06F17/00; G06F17/00**

Publication info: **US2006010151** - 2006-01-12

### **32 Method for storage and administration of data and arrangement for implementation of the method**

Inventor: KUNDE CHRISTOPH (DE); MULLER RALF (DE) Applicant:

EC: G07B17/00E3

IPC: **G06Q99/00; G06Q99/00**

Publication info: **US2006010002** - 2006-01-12

### **33 Method and system for increasing data storage reliability and efficiency via compression**

Inventor: GAERTNER MARK A (US)

Applicant:

EC:

IPC: **G06F11/00; G06F11/00**

Publication info: **US2006005069** - 2006-01-05

### **34 Display list compression for a tiled 3-D rendering system and storage of vertex and index data**

Inventor: FRASER CHRISTOPHER (GB)

Applicant: IMAGINATION TECH LTD (GB)

EC: G06T9/00F; G06T15/00

IPC: **G06T15/00; G06T9/00; G06T9/00 (+1)**

Publication info: **GB2416100** - 2006-01-11

### **35 Apparatus, system, and method for providing efficient disaster recovery storage of data using differencing**

Inventor: BOYD KENNETH W (US); DAY KENNETH F III Applicant:  
(US); (+2)

EC:

IPC: **G06F7/00; G06F7/00; (IPC1-7): G06F7/00**

Publication info: **US2005278360** - 2005-12-15

### **36 Apparatus, method, program and computer readable storage medium for image processing capable of enhancing usability of image data**

Inventor: SUGIYAMA NAOKI (JP); KAWAMOTO  
HIROYUKI (JP); (+9)

Applicant: RICOH KK (JP)

EC:

IPC: **H04N1/00; H04N1/00; (IPC1-7): H04N1/00**

Publication info: **EP1608139** - 2005-12-21

### **37 METHOD FOR ENCODING AND DECODING DYNAMIC-IMAGE DATA, DEVICE FOR DISPLAYING IMAGE SEQUENCE ENCODED BY USING ITS METHOD AND CARRYING OUT ITS METHOD, COMPUTER PROGRAM AND STORAGE MEDIUM**

Inventor: SECKER ANDREW

Applicant: MITSUBISHI ELECTRIC INF TECH

EC: H04N7/26H30A; H04N7/26M6E; (+1)

IPC: **H04N7/30; H03M7/30; H04N7/12 (+11)**

Publication info: **JP2005295561** - 2005-10-20

### **38 Data processing apparatus and method and computer readable storage medium**

Inventor: KIKUCHI TAKAYUKI (JP)

Applicant: CANON KK (JP)

EC:

IPC: **H04L12/28; H04L12/28; (IPC1-7): H04L12/28**

Publication info: **US2005201390** - 2005-09-15

### **39 Data compression apparatus, and data compression program storage medium**

Inventor: SUGITA YUKIO (JP)

Applicant: FUJI PHOTO FILM CO LTD



EC:

IPC: **G06K9/36; G06K9/36**; (IPC1-7): G06K9/36

Publication info: **US2005163387** - 2005-07-28

**40 System and method for combining data streams in pipelined storage operations in a storage network**

Inventor: RETNAMMA MANOJ V (US); AMARENDRAN      Applicant:

ARUN (IN); (+1)

EC:

IPC: **G06F12/16; G06F12/16**; (IPC1-7): G06F12/16

Publication info: **US2005246510** - 2005-11-03

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Data supplied from the **esp@cenet** database - Worldwide

## RESULT LIST

Approximately **432** results found in the Worldwide database for:  
**data and storage** in the title AND **compression** in the title or abstract  
(Results are sorted by date of upload in database)

- 41 METHOD AND APPLIANCE FOR COPYING DATA FROM A TAPE ONTO A STORAGE MEDIUM**  
Inventor: KWOK KWONG HENG (SG); YU LEE CHENG (SG)  
EC: G11B20/00C; G11B20/10; (+2)  
Publication info: **WO2005059914** - 2005-06-30  
Applicant: THOMSON LICENSING SA (FR); KWOK KWONG HENG (SG); (+1)  
IPC: **G11B20/00; G11B20/10; G11B27/02** (+7)
- 42 Content-based segmentation scheme for data compression in storage and transmission including hierarchical segment representation**  
Inventor: MCCANNE STEVEN (US); DEMMER MICHAEL J (US)  
EC: H03M7/30  
Publication info: **US2005162288** - 2005-07-28  
Applicant: NBT TECHNOLOGY INC (US)  
IPC: **H03M7/30; H03M7/30**; (IPC1-7): H03M7/34
- 43 Method and system for data compression for storage of 3D comb filter data**  
Inventor: DELANGHE BRAD (US); MOVSHOVICH ALEKSANDR (US)  
EC: H04N9/78  
Publication info: **US2005174492** - 2005-08-11  
Applicant:  
IPC: **H04N9/64; H04N9/78; H04N9/64** (+2)
- 44 UNIVERSAL FORMAT STORAGE DRIVE AND METHOD FOR STORING DATA BY UNIVERSAL FORMAT**  
Inventor: GEORGE SARIBA  
EC: G06F3/06M  
Publication info: **JP2004362583** - 2004-12-24  
Applicant: QUANTUM CORP  
IPC: **G06F13/10; G06F3/06; G06F12/00** (+5)
- 45 INTELLIGENT DATA STORAGE AND PROCESSING USING FPGA DEVICES**  
Inventor: CHAMBERLAIN ROGER D (US); FRANKLIN MARK ALLEN (US); (+3)  
EC:  
Publication info: **WO2005048134** - 2005-05-26  
Applicant: UNIV WASHINGTON (US); CHAMBERLAIN ROGER D (US); (+4)  
IPC: **G06F1/00; G06F15/78; G06F17/30** (+4)
- 46 Optical storage medium data conversion and recording method and system thereof**  
Inventor: LIN JINYIN (CN)  
EC:  
Publication info: **CN1581327** - 2005-02-16  
Applicant: WEISHENG ELECTRONIC CO LTD (CN)  
IPC: **G11B7/28; G11B7/28**; (IPC1-7): G11B7/28
- 47 DISMOUNTABLE STORAGE DEVICE HAVING DATA COMPRESSION FUNCTION**  
Inventor: ADELMANN TODD C  
EC: G11B20/00C  
Publication info: **JP2004348945** - 2004-12-09  
Applicant: HEWLETT PACKARD DEVELOPMENT CO  
IPC: **G06K19/07; G06F3/06; G06F12/00** (+17)
- 48 Data storage and protection apparatus and methods of data storage and protection**  
Inventor: BOLT THOMAS B (US); MARONEY JOHN EDWARD (US); (+1)  
EC:  
Publication info: **US2004243745** - 2004-12-02  
Applicant:  
IPC: **G06F13/00; G06F13/00**; (IPC1-7): G06F13/00
- 49 Compression data storage method**  
Inventor: HE JUN (CN)  
EC:  
Applicant: DESTINY TECHNOLOGY CORP (CN)  
IPC: **G06F9/46; G06F9/46**; (IPC1-7): G06F9/46

Publication info: **CN1670701** - 2005-09-21

**50 Data storage drive and method employing data compression**

Inventor: MARTIN CHRISTOPHER (GB)

Applicant:

EC: G11B20/00C; G11B20/10

IPC: **G11B20/00; G11B20/10; G11B20/00** (+4)

Publication info: **US2004179284** - 2004-09-16

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## RESULT LIST

27 results found in the Worldwide database for:

**data and set** in the title AND **compression** in the title or abstract

(Results are sorted by date of upload in database)

- 1 Method and apparatus for compressing a data set**  
Inventor: LIVSHITS ARTEM Y (US)      Applicant: MICROSOFT CORP (US)  
EC:      IPC: **G06F7/00; G06F7/00**  
Publication info: **US2006218170** - 2006-09-28
- 2 N-dimensional data compression using set partitioning in hierarchical trees**  
Inventor: PEARLMAN WILLIAM ABRAHAM (US); SAID      Applicant:  
AMIR (BR)  
EC: G06T9/40      IPC: **G06T9/40; G06T9/40; (IPC1-7): G06K9/36 (+1)**  
Publication info: **US2004170335** - 2004-09-02
- 3 IMAGE DATA SET ANALYSIS METHOD**  
Inventor: EBNER FRITZ F; DAVIES DANIEL; (+2)      Applicant: XEROX CORP  
EC: H04N1/41      IPC: **H04N1/413; H04N1/41; H04N1/413 (+2)**  
Publication info: **JP2004201309** - 2004-07-15
- 4 CACHE FOR INSTRUCTION SET ARCHITECTURE AND INDICES FOR COMPRESSION**  
Inventor: RAMCHANDRAN AMIT      Applicant: QUICKSILVER TECHNOLOGY INC (US)  
EC:      IPC: **G06F9/30; G06F9/302; G06F9/318 (+13)**  
Publication info: **WO2004040456** - 2004-05-13
- 5 CONFIGURABLE DATA PROCESSOR WITH MULTI-LENGTH INSTRUCTION SET ARCHITECTURE**  
Inventor: DAVIDSON SIMON (GB); FERGUSON      Applicant: ARC INTERNAT (US); DAVIDSON SIMON  
JONATHAN (GB); (+4)      (GB); (+5)  
EC:      IPC: **G06F9/30; G06F; G06F9/30 (+1)**  
Publication info: **WO03065165** - 2003-08-07
- 6 Configurable data processor with multi-length instruction set architecture**  
Inventor: KHAN MOHAMMED NOSHAD (GB); WARNES      Applicant:  
PETER (GB); (+4)  
EC:      IPC: **G06F9/30; G06F9/30; (IPC1-7): G06F9/30**  
Publication info: **US2003225998** - 2003-12-04
- 7 Audio and video data decoding process for set-top box, involves loading portions of flow of audio and video data in buffer memories, and supplying audio and video data to audio decoder and video decoder respectively for decoding data**  
Inventor: ROELENIS FREDERIC      Applicant: ST MICROELECTRONICS SA (FR)  
EC: H04N5/00M2; H04N5/00M10      IPC: **H04N5/92; H04N5/00; H04N7/16 (+9)**  
Publication info: **FR2849327** - 2004-06-25
- 8 Image data handling method in medical diagnostic application, involves compiling data stream by arranging compressed blocks based on decomposition of image data and tessellating decompressed data set**  
Inventor: SIROHEY SAAD A (US); BARNES ROBERT D      Applicant: GE MED SYS INFORMATION TECH (US)  
(US); (+3)  
EC: H04N7/26H30Q; H04N7/26A8R; (+1)      IPC: **H04N7/30; G06T9/00; H04N1/41 (+6)**  
Publication info: **DE10254194** - 2003-06-18
- 9 N-dimensional data compression using set partitioning in hierarchical**

**trees**

**Inventor:** PEARLMAN WILLIAM A (US); SAID AMIR (US) **Applicant:**

**EC:** G06T9/40

**IPC:** **G06T9/40; G06T9/40;** (IPC1-7): G06K9/36  
(+1)

**Publication info:** **US6674911** - 2004-01-06

- 10 Optoelectronic data compression involves optical-nonlinear processes in or outside laser resonance chamber to set laser pulse or drive 1 of at least 256 lasers that generates reversible pulse**

**Inventor:** KNOPP MONTY (DE)

**Applicant:** KNOPP MONTY (DE)

**EC:** G11C13/04E

**IPC:** **G11C13/04; G11C13/04;** (IPC1-7): G06E1/00  
(+1)

**Publication info:** **DE10211872** - 2002-10-17

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**data and set** in the title AND **compression** in the title or abstract  
(Results are sorted by date of upload in database)

- 11 Database administrative software produces a database file in which compressed requested data is stored has first compression is a special attribute data set group (A) which is to be searched and compressed**  
Inventor: FURUIKE YOSHIMASA (JP)      Applicant: DENSO CORP (JP)  
EC: G06F17/30T      IPC: **G06F12/00; G06F17/30; G06F12/00** (+2)  
Publication info: **DE10018993** - 2000-11-02
- 12 Method and apparatus for compressing audio data using a dynamical system having a multi-state dynamical rule set and associated transform basis function**  
Inventor: LAFE OLURINDE E (US)      Applicant: QUIKCAT COM INC (US)  
EC: G10L19/02T      IPC: **G10L19/02; G10L19/00; (IPC1-7): G10L19/00**  
Publication info: **US6567781** - 2003-05-20
- 13 Method, apparatus and character set for encoding and decoding data characters in data carriers, such as RFID tags**  
Inventor: ACKLEY H SPRAGUE (US)      Applicant: INTERMEC IP CORP (US)  
EC: G06K1/12B; G06K7/14; (+1)      IPC: **G06K1/12; G06K7/14; G06K19/06** (+4)  
Publication info: **US6422476** - 2002-07-23
- 14 Method and system for squashing a large data set**  
Inventor: DUMOUCHEL WILLIAM H (US); VOLINSKY CHRISTOPHER T (US); (+3)      Applicant: AT & T CORP (US)  
EC: G06F17/30T      IPC: **G06F17/30; G06F17/30; (IPC1-7): G06F17/30**  
Publication info: **US6539391** - 2003-03-25
- 15 Method for distributed wireless video monitoring using several stations with at least one camera unit by transmitting video data set to dependent stations after at least one acknowledgment message to these stations is received**  
Inventor: HOYER ROBERT (DE)      Applicant: INST AUTOMATION UND KOMMUNIKAT (DE)  
EC: G08G1/04; H04N7/18      IPC: **G08G1/04; H04N7/18; G08G1/04** (+3)  
Publication info: **DE19909651** - 2000-09-07
- 16 TELEPHONE SET PROVIDED WITH AUTOMATIC ANSWERING FUNCTION AND METHOD FOR RECORDING MESSAGE DATA**  
Inventor: YAMAMOTO KOICHI; SAKATA TOSHIHIKO      Applicant: MATSUSHITA ELECTRIC IND CO LTD  
EC:      IPC: **H04M1/65; H04M1/65; (IPC1-7): H04M1/65**  
Publication info: **JP2000115352** - 2000-04-21
- 17 TELEPHONE SET AND DATA TRANSMITTING METHOD**  
Inventor: NOGUCHI FUJIO; HARAGUCHI YUJI      Applicant: SONY CORP  
EC: H04M1/00; H04N1/00C7; (+1)      IPC: **H04M1/00; H04M11/06; H04N1/00** (+7)  
Publication info: **JP2000049977** - 2000-02-18
- 18 TELECOMMUNICATIONS NETWORK ARCHITECTURE FOR TRANSPORTING FAX, VOICE AND DATA VIA AN ATM SWITCH USING A CONVENTIONAL SIGNALING SYSTEM FOR CALL SET-UP**  
Inventor: BHARUCHA BEHRAM H (US); FARBER NORMAN (US); (+3)      Applicant:  
EC: H04L12/64B; H04L12/66      IPC: **H04L12/64; H04L12/66; H04L12/64** (+2)  
Publication info: **US2002064187** - 2002-05-30
- 19 Image processing apparatus and method which forms a color image corresponding to mapped image data in accordance with an image**

**forming method selected from a plurality of image forming methods set  
in accordance with a plurality of color gamuts**

**Inventor:** NAKAJIMA NOBUYUKI (JP)

**Applicant:** CANON KK (JP)

**EC:** G06T11/00C; H04N1/60G

**IPC:** *G06T11/00; H04N1/60; G06T11/00* (+2)

**Publication info:** **US6104829** - 2000-08-15

**20 Methods and devices for processing a set of data**

**Inventor:** CHARRIER MARYLINE (FR); DIERIECK

**Applicant:** CANON KK (JP)

CLAUDE (FR)

**EC:** G06T9/00F

**IPC:** *H04N7/26; G06T9/00; H03M7/30* (+4)

**Publication info:** **EP0827111** - 1998-03-04

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## RESULT LIST

27 results found in the Worldwide database for:  
**data and set** in the title AND **compression** in the title or abstract  
(Results are sorted by date of upload in database)

- 21 VIDEO TELEPHONE SET, DATA COMPRESSION MULTIPLEXING METHOD, AND RECORDING MEDIUM RECORDING DATA COMPRESSION MULTIPLEXING CONTROL PROGRAM**  
Inventor: KATO TATSUYA Applicant: NIPPON ELECTRIC CO  
EC: H04Q11/04S IPC: **H04N7/14; H04M11/06; H04N7/26** (+7)  
Publication info: **JP11041574** - 1999-02-12
- 22 Data compression using set partitioning in hierarchical trees**  
Inventor: PEARLMAN WILLIAM ABRAHAM (US); SAID AMIR (BR) Applicant: PRIMACOMP INC (US)  
EC: G06T9/40 IPC: **G06T9/40; G06T9/40; (IPC1-7): G06T9/40**  
Publication info: **US5764807** - 1998-06-09
- 23 DEVICE FOR ENCODING OF VIDEO SIGNAL WHICH REPRESENTS IMAGES, TV SET FOR RECEIVING SIGNAL WITH HEADERS AND IMAGE DATA REPRESENTED AS COMPRESSED VIDEO DATA**  
Inventor: DIPANKAR REHJSHODKHURI (US); DZHOEHL VAL TER ZDEPSKI (US); (+2) Applicant: DZHENERAL EHLEKTRIK KOMPANI (US)  
EC: H04N5/44N; H04N7/015; (+11) IPC: **H04N5/44; H04N7/015; H04N7/24** (+17)  
Publication info: **RU2128405** - 1999-03-27
- 24 DIGITAL TELEPHONE SET INCORPORATING DATA PORT FOR VOICE SIGNAL**  
Inventor: KINOSHITA TOSHIMASA; KODAMA TAKASHI Applicant: NIPPON ELECTRIC CO; NIPPON ELECTRIC ENG  
EC: IPC: **H04M11/00; H04M1/65; H04M11/00** (+3)  
Publication info: **JP63292752** - 1988-11-30
- 25 Process for compression of a data set**  
Inventor: BERRUYER YVES (FR) Applicant: BERRUYER YVES (FR)  
EC: G06F17/40; H04M3/36 IPC: **H04L23/00; G06F17/40; H04M3/36** (+5)  
Publication info: **US4855941** - 1989-08-08
- 26 FIRMWARE FOR DATA COMPRESSION OF CODE SET OF INPUT SYSTEM FOR DIPHTHONG CODING OF CHINESE CHARACTER COMPUTER**  
Inventor: Applicant:  
EC: IPC: **G11C17/00; G11C17/00; (IPC1-7): G11C17/00**  
Publication info: **CN86100708** - 1987-08-19
- 27 COMPRESSING PROCESS SYSTEM OF SECTIONAL DATA SET**  
Inventor: NONOMURA YOSHIYUKI Applicant: FUJITSU LTD  
EC: IPC: **G06F12/00; G06F7/22; G06F13/00** (+5)  
Publication info: **JP58117064** - 1983-07-12

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## RESULT LIST

2 results found in the Worldwide database for:

**compression and database** in the title AND **algorithms** in the title or abstract

(Results are sorted by date of upload in database)

### 1 APPLYING MULTIPLE COMPRESSION ALGORITHMS IN A DATABASE SYSTEM

Inventor: IVIE JAMES (US)

Applicant: AGILIX LABS (US); IVIE JAMES (US)

EC:

IPC: **G06F7/00**; **G06F7/00**

Publication info: **WO2006063057** - 2006-06-15

### 2 Applying multiple compression algorithms in a database system

Inventor: IVIE JAMES R (US)

Applicant:

EC:

IPC: **G06F7/00**; **G06F7/00**

Publication info: **US2006123035** - 2006-06-08

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» Key

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IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

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View: 1-25 | 26-5

- ☐ 1. **Switching between two on-line list update algorithms for higher compressed Wheeler transformed data**  
Chapin, B.;  
[Data Compression Conference, 2000. Proceedings. DCC 2000](#)  
28-30 March 2000 Page(s):183 - 192  
Digital Object Identifier 10.1109/DCC.2000.838158  
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- ☐ 2. **Lossless compression of hydroacoustic image data**  
Lixue Wu; Zielinski, A.; Bird, J.S.;  
[Oceanic Engineering, IEEE Journal of](#)  
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- ☐ 4. **Dynamic image data compression in spatial and temporal domains: theoretical**  
Dino Ho; Dagan Feng; Kewei Chen;  
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Volume 1, Issue 4, Dec. 1997 Page(s):219 - 228  
Digital Object Identifier 10.1109/4233.681164  
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- ☐ 5. **Word-based dynamic algorithms for data compression**  
Jiang, J.; Jones, S.;  
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Jianmin Jiang;  
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- ☐ **7. A comparison of algorithms for ambulatory ECG compression with fixed rate**  
Hamilton, P.S.;  
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- ☐ **8. Improved variations relating the Ziv-Lempel and Welch-type algorithms for data compression**  
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Volume 38, Issue 1, Jan. 1992 Page(s):73 - 81  
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- ☐ **9. Applications of wavelet data compression using modified zerotrees in real data**  
Shen-En Qian; Hollinger, A.B.;  
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- ☐ **10. Efficient lossless compression of trees and graphs**  
Shenfeng Chen; Reif, J.H.;  
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- ☐ **11. Algorithm evaluation for synchronous data compression**  
Maier, M.W.;  
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- ☐ **14. Lossless data compression in real time**  
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- ☐ **17. PPM performance with BWT complexity: a fast and effective data compression algorithm**  
Effros, M.;  
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Weidong Cai; Dagan Feng; Fulton, R.;

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- ☐ **20. Preprocessing text to improve compression ratios**  
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- ☐ **21. Optimal linear prediction for the lossless compression of volume data**  
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- ☐ **23. A comparison of several algorithms for SAR raw data compression**  
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IEEE JNL IEEE Journal or Magazine

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IEEE CNF IEEE Conference Proceeding

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IEEE STD IEEE Standard

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- ☐ 1. **Dynamic adaptation in an image transcoding proxy for mobile Web brow**  
Han, R.; Bhagwat, P.; LaMaire, R.; Mummert, T.; Perret, V.; Rubas, J.;  
[Personal Communications, IEEE \[see also IEEE Wireless Communications\]](#)  
Volume 5, Issue 6, Dec. 1998 Page(s):8 - 17  
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- ☐ 2. **Partial video sequence caching scheme for VOD systems with heterogen**  
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Chi Chi Hung; Lim Yan Hong;  
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- ☐ 4. **Architecture design of an MPEG-4 system**  
Yi-Shin Tung; Ja-Ling Wu; Ho Chia-Chiang;  
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- ☐ 5. **A digital image archive solution for multiple modalities in a cardiological**  
Becker, T.; Simon, R.;  
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- ☐ **6. Wireless-adaptation of WWW content over CDMA**  
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- ☐ **7. Multisensorial modular system of monitoring and tracking with information techniques and neural networks**  
De Jesus, J.D.; Fuente, A.I.; Calvo, J.J.V.;  
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Roberts, D.C.; Grossman, D.A.; Frieder, O.; Bernstein, R.; Bisfiop, E.;  
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Wilcock, P.;  
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- ☐ **10. Distance learning with digital video**  
Tobagi, F.A.;  
[Multimedia, IEEE](#)  
Volume 2, Issue 1, Spring 1995 Page(s):90 - 93  
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- ☐ **11. Distributed multimedia for a song**  
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- ☐ **12. Retrieving quality video across heterogeneous networks. Video over wireless networks**  
Moura, J.M.F.; Jasinschi, R.S.; Shiojiri, H.; Lin, J.-C.;  
[Personal Communications, IEEE \[see also IEEE Wireless Communications\]](#)  
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- ☐ **14. Adapting to network and client variation using infrastructural proxies: les perspectives**  
Fox, A.; Gribble, S.D.; Chawathe, Y.; Brewer, E.A.;  
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- ☐ **25. A new algorithm for monochromatic image compression**  
Mello, C.A.B.; Neto, L.R.F.; Lins, R.D.;  
[EUROMICRO 97. 'New Frontiers of Information Technology'. Proceedings of I](#)  
[EUROMICRO Conference](#)  
1-4 Sept. 1997 Page(s):308 - 313  
Digital Object Identifier 10.1109/EURMIC.1997.617293  
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- 1 System and method for stranded file opens during disk compression utility requests**  
Inventor: PALANIAPPAN MURALI (IN); SARALADEVI RENJITH U (IN); (+2)      Applicant:  
EC:      IPC: **G06F17/00; G06F17/00**  
Publication info: **US2006242182** - 2006-10-26
- 2 Determining optimal image compression methods for reducing file size**  
Inventor: BOSSUT PHILIPPE (US); BOWLER JOHN (US)      Applicant: MICROSOFT CORP (US)  
EC: G06T9/00      IPC: **G06T9/00; G06T9/00; (IPC1-7): G06K15/02**  
Publication info: **US2005280841** - 2005-12-22
- 3 COMPRESSED IMAGE DATA FILE CREATION METHOD, IMAGE DATA COMPRESSION DEVICE, AND IMAGING DEVICE**  
Inventor: SASAKI HIROSHI (JP); ATSUMI EIJI (JP)      Applicant: NOKIA CORP (FI); SASAKI HIROSHI (JP); (+1)  
EC:      IPC: **H04N7/24; H04N7/24; (IPC1-7): H04N7/24**  
Publication info: **WO2005101849** - 2005-10-27
- 4 COMPRESSION METHOD FOR FILE SYSTEM IMAGE, AND PROGRAM**  
Inventor: NAKAGAWA MASAOKI      Applicant: NAKAGAWA MASAOKI  
EC:      IPC: **G06F12/00; G06F12/00; (IPC1-7): G06F12/00**  
Publication info: **JP2005202443** - 2005-07-28
- 5 JPEG COMPRESSION FILE GENERATING APPARATUS**  
Inventor: ANDO SHIGEO      Applicant: MITSUBISHI ELECTRIC CORP  
EC:      IPC: **H04N7/30; H04N1/41; H04N7/30 (+3)**  
Publication info: **JP2003333338** - 2003-11-21
- 6 SYSTEMS AND METHODS FOR MULTIPLE-FILE DATA COMPRESSION**  
Inventor: BELU SABIN      Applicant: REALNETWORKS INC (US)  
EC: H03M7/30; H03M7/30Z; (+2)      IPC: **H03M7/30; H03M7/40; H03M7/30 (+3)**  
Publication info: **WO0150612** - 2001-07-12
- 7 Systems and methods for multiple-file data compression**  
Inventor: BELU SABIN (US)      Applicant:  
EC: H03M7/30; H03M7/30Z; (+1)      IPC: **H03M7/30; H03M7/40; H03M7/30 (+2)**  
Publication info: **US2002033762** - 2002-03-21
- 8 DATA FILE COMPRESSION AND DECOMPRESSION METHOD**  
Inventor: CRISCIONE ENZO      Applicant: PULSAR DNA INC (US)  
EC: H03M7/30      IPC: **H03M7/30; H03M7/30; (IPC1-7): G06K**  
Publication info: **WO0129752** - 2001-04-26
- 9 Data management apparatus and method for efficiently generating a blocked transposed file and converting that file using a stored compression method**  
Inventor: KORI MITSUNORI (JP)      Applicant: MITSUBISHI ELECTRIC CORP (JP)  
EC: H03M7/40      IPC: **G06F12/00; G06F17/30; G06F12/00 (+2)**  
Publication info: **US6725225** - 2004-04-20
- 10 File update performing comparison and compression as single process**  
Inventor: SLIGER MICHAEL V (US); MCGUIRE THOMAS D (US); (+1)      Applicant: MICROSOFT CORP (US)  
EC: G06F9/445N      IPC: **G06F9/445; G06F9/445; (IPC1-7): G06F9/44**

Publication info: **US6496974** - 2002-12-17

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compression algorithms predetermined value

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[This is the original LZ78 algorithm.] 4467317 High-speed arithmetic **compression** using concurrent **value** updating. granted Aug 21, 1984 assignee IBM ...

[www.faqs.org/faqs/compression-faq/part1/section-7.html](http://www.faqs.org/faqs/compression-faq/part1/section-7.html) - 33k - [Cached](#) - [Similar pages](#)

**[PDF] An improved process data compression algorithm - Intelligent ...**

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**predetermined value**. In this paper we begin with a brief introduction of. SDT methods. ... **algorithms** under the same **compression** ratio, the **values** of ...

[ieeexplore.ieee.org/iel5/7949/21964/01021475.pdf](http://ieeexplore.ieee.org/iel5/7949/21964/01021475.pdf) - [Similar pages](#)

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becomes the **predetermined value**. Source Model for **Algorithm 2**. In this model, there are always ... **compression algorithms** proposed by Ziv and Lempel in ...

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**comp.compression Frequently Asked Questions (part 1/3) - [8] What ...**

[8] What about patents on data **compression algorithms**? ... the application of a **predetermined** number of bytes in sequence to derive a hash code appropriate ...

[www.cd.sc.edu/DOCS/mice/compression-faq/part1/faq-doc-7.html](http://www.cd.sc.edu/DOCS/mice/compression-faq/part1/faq-doc-7.html) - 26k -

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**DSP DesignLine | Squeeze Play--How Video Compression Works**

Understanding the operation of video **compression algorithms** is essential for ... is converted back to the 12-bit **predetermined value** used in the encoder. ...

[www.dspdesignline.com/howto/benchmark\\_product\\_sel/](http://www.dspdesignline.com/howto/benchmark_product_sel/187002884.jsessionid=OZEHPMN5WMR4EQSNDLQCKH0CJUNN2JVN)

[187002884.jsessionid=OZEHPMN5WMR4EQSNDLQCKH0CJUNN2JVN](http://www.dspdesignline.com/howto/benchmark_product_sel/187002884.jsessionid=OZEHPMN5WMR4EQSNDLQCKH0CJUNN2JVN) - 69k -

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**Video/Imaging DesignLine | Introduction to video compression**

After quantization, many of the DCT coefficients have a **value** of zero. ... One technique that video **compression algorithms** use to mitigate this problem is ...

[www.videsignline.com/howto/showArticle.jhtml?articleId=185301351&pgno=2](http://www.videsignline.com/howto/showArticle.jhtml?articleId=185301351&pgno=2) - 53k -

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**EP1029264 Parcel european software patent - Remote control system ...**

a selector selecting that **compression algorithm** of said plurality of **compression algorithms** which results in said ratio approaching a **predetermined value** ...

[gauss.ffii.org/PatentView/EP1029264](http://gauss.ffii.org/PatentView/EP1029264) - 45k - [Cached](#) - [Similar pages](#)

**Video compression algorithm - Patent 5335299**

(ii) shifting said copy of said first row a **predetermined** number of bits in a ... This invention relates to the field of video **compression algorithms** and, ...  
[www.freepatentsonline.com/5335299.html](http://www.freepatentsonline.com/5335299.html) - 44k - [Cached](#) - [Similar pages](#)

#### rfc1976.txt

The PPP **Compression** Control Protocol [3] provides a standard method for ... (Mode-1 uses a fixed packet format with a **predetermined** set of **values** for LCP, ...  
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less **compression algorithm** for continuous-tone images which combines the ... the contents of N and A for a given context each time N attains a **predetermined** ...  
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An introduction to **compression algorithms** that are used in prepress.

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### **Lossless Compression Algorithms (Entropy Encoding)**

Lossless **Compression Algorithms** (Entropy Encoding)

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### **Data compression - Wikipedia, the free encyclopedia**

However, lossless data **compression algorithms** will always fail to compress some files;

indeed, any **compression algorithm** will necessarily fail to compress ...

[en.wikipedia.org/wiki/Data\\_compression](http://en.wikipedia.org/wiki/Data_compression) - 38k - [Cached](#) - [Similar pages](#)

### **LZW - Wikipedia, the free encyclopedia**

#Lempel-Ziv-Welch **compression algorithm** #Translated to python by Thomas Van Durme

#Last edited: September 20, 2006 class LZW: ""Returns the compressed ...

[en.wikipedia.org/wiki/LZW](http://en.wikipedia.org/wiki/LZW) - 35k - [Cached](#) - [Similar pages](#)

### **Data Compression Algorithms**

Some examples of lossy data **compression algorithms** are JPEG, MPEG, and Indeo. ...

Lossless data **compression** is ideal for text. Most of the **algorithms** for ...

[www.ccs.neu.edu/groups/honors-program/freshsem/19951996/jnl22/jeff.html](http://www.ccs.neu.edu/groups/honors-program/freshsem/19951996/jnl22/jeff.html) - 17k -

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### **Algorithms in the Real World: Compression**

The coverage of the most recent best **algorithms** for text **compression** is not as good as ...

A nice description of the JPEG and MPEG **compression algorithms**. ...

[www.cs.cmu.edu/afs/cs/project/pscico-guyb/realworld/www/compress.html](http://www.cs.cmu.edu/afs/cs/project/pscico-guyb/realworld/www/compress.html) - 13k -

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### **[8] What about patents on data compression algorithms?**

(b) LZ77 - Waterworth patented (4701745) the **algorithm** now known as LZRW1, because

Ross Williams reinvented it later and posted it on comp.**compression** on ...

[www.faqs.org/faqs/compression-faq/part1/section-7.html](http://www.faqs.org/faqs/compression-faq/part1/section-7.html) - 33k - [Cached](#) - [Similar pages](#)

### **Google Directory - Computers > Algorithms > Compression**

Describes the **compression** and decompression **algorithms** used by PKZIP. ... LZRW\* text **compression algorithms**. Links to other **compression** sites. ...

[www.google.com/Top/Computers/Algorithms/Compression/](http://www.google.com/Top/Computers/Algorithms/Compression/) - 24k -

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### **Lossless Image Compression**

Lossless **Compression Algorithms**. Basics of Information Theory Huffman Coding

Adaptive Huffman Coding Lempel-Ziv-Welch **Algorithm** ...

[www.cs.sfu.ca/CC/365/li/material/notes/Chap4/Chap4.1/Chap4.1.html](http://www.cs.sfu.ca/CC/365/li/material/notes/Chap4/Chap4.1/Chap4.1.html) - 36k -

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### **Open Directory - Computers: Algorithms: Compression**

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### **Compression Algorithms**

**Compression algorithms** Online.

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Dr Ross's **Compression** Crypt - LZRW\* text **compression algorithms**. ... The LBE Data  
**Compression Algorithm** - A Huffman like **algorithm** that uses triangular ...  
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### DataCompression.info - Source Code

**Compression algorithms** that are illustrated using source code. Note that if a product is a library or program, I generally don't include it here even if ...  
datacompression.info/SourceCode.shtml - 203k - [Cached](#) - [Similar pages](#)

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### JPEG image compression FAQ, part 1/2

(There are lossless image **compression algorithms**, but JPEG achieves much greater **compression** than is possible with lossless methods. ...  
www.faqs.org/faqs/jpeg-faq/part1/ - 63k - [Cached](#) - [Similar pages](#)

### Compression : Algorithms : Statistical Coders

Intro to Statistical **Compression**; Intro to Coding **Algorithms**. Kraft Inequality requirement; Generating "prefix-free" codes ...  
www.cbloom.com/algs/statisti.html - 37k - [Cached](#) - [Similar pages](#)

### Compression

This type of **compression** is important in crypto **algorithms**. ... The LZ77 **compression algorithms** are commonly found in text **compression** and archiving ...  
www.softpanorama.org/Algorithms/compression.shtml - 65k - [Cached](#) - [Similar pages](#)

### Digital Systems Research Center: Report 124

We describe a block-sorting, lossless data **compression algorithm**, and our implementation of that **algorithm**. We compare the performance of our implementation ...  
ftp.digital.com/pub/Compaq/SRC/research-reports/abstracts/src-rr-124.html - 3k - [Cached](#) - [Similar pages](#)

### The gzip home page

I maintain a list of several hundred patents on lossless data **compression algorithms**, and I made sure that gzip isn't covered by any of them. ...  
www.gzip.org/ - 25k - [Cached](#) - [Similar pages](#)

### COMPRESSION ALGORITHMS COMPARED

The following data **compression algorithms** were compared for **compression** ratio and time for **compression** on a variety of raw detector images from different ...  
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### The Huffman compression algorithm

Huffman **compression** is a lossless **compression algorithm** that is ideal for compressing text or program files. This probably explains why it is used a lot in ...  
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### Amazon.com: Compression Algorithms for Real Programmers (The For ...

Amazon.com: **Compression Algorithms** for Real Programmers (The For Real Programmers Series): Books: Peter Wayner by Peter Wayner.  
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### comp.compression Frequently Asked Questions (part 1/3) - [8] What ...

[8] What about patents on data **compression algorithms**? [Note: the appropriate group for

discussing software patents is comp.patents (or ...  
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miniLZO is a lightweight **subset** of the LZO library. ... UCL is a OpenSource re-implementation of some NRV **compression algorithms**. ...

[www.oberhumer.com/opensource/lzo/](http://www.oberhumer.com/opensource/lzo/) - [Similar pages](#)

**[PDF] Noise constrained hyperspectral data compression - Geoscience and ...**

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Effective hyperspectral **compression algorithms** must exploit the **data** redundancy in both domains. Lossless spectral **compression algorithms** preserve original ...

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**[PDF] ItCompress: an iterative semantic compression algorithm - Data ...**

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aspects that differentiate one semantic **compression algorithm** ... tional complexity of finding different **subsets** of the **data**, all ...

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**[PDF] Improvements to the Burrows-Wheeler Compression Algorithm: After ...**

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level as 1, since it is the second symbol of the **subset**. ... **Data Compression Conference 2001**, Snowbird, Utah, STORER, J.A. AND COHN, M. Eds. 429-438. ...

[www.data-compression.info/JuergenAbel/Preprints/Preprint\\_After\\_BWT\\_Stages.pdf](http://www.data-compression.info/JuergenAbel/Preprints/Preprint_After_BWT_Stages.pdf) -

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**Shivnath, Babu; Garofalakis, Minos; Rastogi, Rajeev; Silberschatz ...**

We describe the architecture and **algorithms** underlying SPARTAN, a model-based semantic **compression** system that exploits predictive **data** correlations and ...

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**Shivnath, Babu; Garofalakis, Minos; Rastogi, Rajeev: SPARTAN: A ...**

The key input parameter to our semantic **compression algorithms** is a (user- or ... The basic intuition here is that this select **subset** of **data**-mining models ...

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**[PS] Evaluating Grammar-Based Data Compression Algorithms**

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grammar-based **compression algorithms**. Although **data compression** is an important ... **subsets** of the signals is specied. The problem is to determine the ...

[theory.lcs.mit.edu/~abhi/abhi-shelat-thesis.ps](http://theory.lcs.mit.edu/~abhi/abhi-shelat-thesis.ps) - [Similar pages](#)

**Rebecka Jörnsten**

Bin Yu (UC Berkeley) and I explored the design of **compression algorithms** for ...

scientists to quickly scan through chosen **subsets** of Microarray Image **data**, ...

[www.stat.rutgers.edu/~rebecka/](http://www.stat.rutgers.edu/~rebecka/) - 24k - [Cached](#) - [Similar pages](#)

**Neal E. Young / publications**

The ideas introduced here are also used in "Sequential and parallel **algorithms** for mixed packing and covering" [2001], in "K-medians, facility location, ...

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## GIF - Wikipedia, the free encyclopedia

A GIF image employs lossless **data compression** so that the file size of an ... it was revealed that the **compression algorithm** used by the GIF format had been ...  
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[Wavelet Digest, Vol. 09, Nr. 04.](#) - ut.dcs.na - Jun 7, 2000

[Video \*\*Compression\*\* using Fractals](#) - sci.fractals - Mar 8, 1994

[VISION-LIST digest 20.27](#) - comp.ai.vision - Sep 24, 2001

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### Dictionary of Algorithms and Data Structures

[Vitt01] Jeffrey Scott Vitter, External Memory **Algorithms** and **Data Structures**: Dealing with Massive **Data**, ACM Computing Surveys, 33(2):209-271, June 2001. ...  
[www.nist.gov/dads/](#) - 87k - Nov 13, 2006 - [Cached](#) - [Similar pages](#)

### XML Encryption Requirements Working Draft

a simple enumerated **subset** of the **data** model (e.g., element, attribute, etc. ... The solution must work with arbitrary encryption **algorithms**, ...  
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### XML Encryption Requirements

a simple enumerated **subset** of the **data** model (e.g., element, attribute, etc. ... and wrapping that **data** in an XML **compression** syntax and then encrypting it. ...  
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### [PDF] Evaluation of Image Compression Algorithms for Fingerprint and ...

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tion **algorithms** with 2 **compression algorithms**, JPEG and. JPEG2000. We used a fingerprint database that was ac- quired at the Fraunhofer-IGD and a **subset** of ...  
[www.3dface.org/files/papers/funk-IEEE-WestPoint2005-quality-performance.pdf](#) - [Similar pages](#)

### Reference.com/Encyclopedia/Lossless data compression

Lossless **data compression algorithms** cannot guarantee **compression** for all input ... To choose an **algorithm** always means implicitly to select a **subset** of all ...  
[www.reference.com/browse/wiki/Lossless\\_data\\_compression](#) - 26k - [Cached](#) - [Similar pages](#)

### Algorithms and Data Structures

**Algorithms** and **Data Structures**. Selecting a random node from a tree in one pass: from proof to ... Deriving fast functions to compute all **subsets** of size N ...  
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Given a ground set X and a collection C of **subsets** of the ... General **Compression Algorithm** (A2-A5). 1. Segment **data** matrix B into blocks D. ...  
[vlsicad.ucsd.edu/Publications/Reports/fill-techreport.pdf](#) - [Similar pages](#)

### [PDF] LNCS 3129 - The Compression of Massive Offline Relations

File Format: PDF/Adobe Acrobat

We allocate 2M buffer for each **subset** and run the **compression algorithm**. The ... System for Massive **Data Tables**". ACM SIGMOD ,May 2001. ...  
[www.springerlink.com/index/EJPHCVM9VMR3PD9A.pdf](#) - [Similar pages](#)

### Tulane Math Colloquium: 2000-2001

After presenting an overview of our work, I will discuss our **compression algorithm** in more detail. It relies on the theory of thin plate splines on ...  
[www.math.tulane.edu/activities/colloquium/2000\\_2001.html](#) - 41k - [Cached](#) - [Similar pages](#)

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thus also represent all combinations of storage **values**. The **entry** in the quaternary systemis generated by the following IP- address **compression algorithm** ...[ieeexplore.ieee.org/iel5/9996/32110/01494508.pdf](http://ieeexplore.ieee.org/iel5/9996/32110/01494508.pdf) - [Similar pages](#)**[PDF] Overlap in adaptive vector quantization - Data Compression ...**

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2001. [20] R. Arnold and T. Bell, "A Corpus for the Evaluation of Lossless **Compression Algorithms**," Proc. Data **Compression** Conf., pp. 201-210, 1997. ...  
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S2	684285	COMPRESSION? ? OR COMPRESSED OR COMPRESSING OR COMPRESS OR COMPRESSES FROM 8, 35, 65, 2, 94, 111, 6, 144, 434, 34, 62, 99, 95, 56, 57, 60, 266, 583, 438
S3	24974	S2 (3N) (ALGORITHM? ? OR ALOGRITHM? ? OR ALOGRYTHM? ?) FROM 8, 35, 65, 2, 94, 111, 6, 144, 434, 34, 62, 99, 95, 56, 57, 60, 266, 583, 438
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S5	498	S4 (7N) (VALUE? ? OR NUMBER? ? OR ID OR IDS OR IDENTIFIER? ? OR IDENTIFICATION? ?) FROM 8, 35, 65, 2, 94, 111, 6, 144, 434, 34, 62, 99, 95, 56, 57, 60, 266, 583, 438
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S8	59354	S S2 (10N) (ALGORITHM? ? OR ALOGRITHM? ? OR ALOGRYTHM? ? OR RULE? ? OR FUNCTION? ? OR EQUATION? ? OR FORMULA? ?)
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S3	150	S2 (3N) (ALGORITHM? ? OR ALOGRITHM? ? OR ALOGRYTHM? ?) FROM 347
S4	5904	S2 (7N) (GROUP? ? OR GP OR GPS OR SET? ? OR SUBSET? ? OR SELECTION? ? OR SELECTED OR DATASET? ?) FROM 347
S5	415	S4 (7N) (VALUE? ? OR NUMBER? ? OR ID OR IDS OR IDENTIFIER? ? OR IDENTIFICATION? ?) FROM 347
S6	0	S S5 AND S3 AND S1
S7	1874	S S2 (10N) (ALGORITHM? ? OR ALOGRITHM? ? OR ALOGRYTHM? ? OR RULE? ? OR FUNCTION? ? OR EQUATION? ? OR FORMULA? ?)
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S10	0	S S5 (30N) S9 (30N) S1
S11	20	S S5 (30N) S9 (30N) STORAGE
S12	3	S S11 AND IC=G06F
S13	20	IDPAT S11 (sorted in duplicate/non-duplicate order)
S14	19	IDPAT S11 (primary/non-duplicate records only)

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[File 348] **EUROPEAN PATENTS 1978-2006/ 200645**

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[File 349] **PCT FULLTEXT 1979-2006/UB=20061102UT=20061026**

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[File 350] **Derwent WPIX 1963-2006/UD=200673**

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Set	Items	Description
S1	5967225	S NETWORK?(10N)STORAGE OR SAN OR FILE()SERVER? ?
S2	723308	S COMPRESSION? ? OR COMPRESSED OR COMPRESSING OR COMPRESS OR COMPRESSES
S3	36559	S S2 (10N) (ALGORITHM? ? OR ALOGRITHM? ? OR ALOGRYTHM? ? OR RULE? ? OR FUNCTION? ? OR EQUATION? ? OR FORMULA? ?)
S4	43299	S S2 (10N) (GROUP? ? OR GP OR GPS OR SET? ? OR SUBSET? ? OR SELECTION? ? OR SELECTED OR DATASET? ? OR COLLECTION? ? OR ARRAY? ? OR VECTOR? ? OR SUBVECTOR? ? OR SUB()VECTOR? ? )
S5	932	S S4 (7N) (VALUE? ? OR NUMBER? ? OR ID OR IDS OR IDENTIFIER? ? OR IDENTIFICATION? ?)
S6	1	S S5 (30N) S3 (30N) S1
S7	9	S S5 (30N) S3 (30N) STORAGE
S8	8	S S7 NOT PY>2004
S9	8	RD (unique items)

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[File 88] **Gale Group Business A.R.T.S.** 1976-2006/Nov 14  
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[File 369] **New Scientist** 1994-2006/Sep W2  
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[File 160] **Gale Group PROMT(R)** 1972-1989  
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[File 141] **Readers Guide** 1983-2006/Aug  
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